

STEREO MOC Status Report  
Time Period: 2013:217 - 2013:223

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
  - None.
  
2. The following spacecraft/instrument events occurred during this week:
  - On day 219, the SECCHI instrument reset at 09:32:09z. The SECCHI team reconfigured the instrument to operational mode at 1608z. This was the 31<sup>st</sup> reset of SECCHI on the Ahead spacecraft.
  - On day 219, the 59<sup>th</sup> momentum dump was executed successfully at 1630Z, which imparted a delta V of 0.0969 m/sec.
  - The average daily SSR playback volume for Ahead was 3.6 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
  - On day 219, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1454z through 1748z. This anomaly resulted in the loss of six frames of SSR data. See DR #M107452 for more information.
  - On day 221, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 0951z through 1101z. This anomaly resulted in the loss of 15 frames of SSR data. See DR #M107457 for more information.
  - On day 223, during the DSS-63 support, the receiver and ranging processor unexpectedly went out of lock between 1507z through 1625z. Also during this track, turbo decoder lock was lost intermittently beginning at 1424z through

1625z. These anomalies resulted in the loss of 11670 frames of SSR data. See DR #M107463 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 219, the 54<sup>th</sup> momentum dump was executed successfully at 1700Z, which imparted a delta V of 0.066 m/sec.
- On day 220, SWAVES successfully loaded flight software version 4.12.
- The average daily SSR playback volume for Behind was 3.3 Gbits during this week.